

3661

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
A0000133-01-CA

In Re Application Of: **Peter Woolf, et al.**

#7

Serial No.

09/778,956

Filing Date

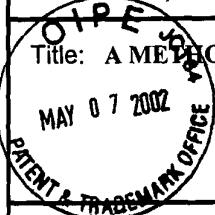
2/8/01

Examiner

Group Art Unit

3661

Title: **A METHOD OF ANALYZING GENE EXPRESSION DATA USING FUZZY LOGIC**



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37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
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Docket No.
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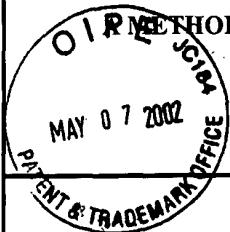
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U.S. METHOD OF ANALYZING GENE EXPRESSION DATA USING FUZZY LOGIC

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(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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Francis J. Tinney
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Francis J. Tinney
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Dated: *May 2, 2002*

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FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. A0000133-01-CA	SERIAL NO. 09/778,956
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT PETER J. WOOLF, ET AL.	
		FILING DATE February 8, 2001	GROUP 3661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

O I P E MAY 07 2002 P A T E N T & T R A D E M A R K O F F I C E		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc)

		Cho et al., "A Genome-Wide Transcriptional Analysis of the Mitotic Cell Cycle", <u>Molecular Cell</u> , Vol. 2, pp 65-73, 1998
		Cox, "Fuzzy fundamentals", <u>IEEE Spectrum</u> , pp 58-61, 1992
		Deckert et al., "Multiple Elements and Auto-Repression Regulate Rox1, a Repressor of Hypoxic Genes in <i>Saccharomyces cerevisiae</i> ", <u>Genetics</u> , Vol. 139, pp 1149-1158, 1995
		Fytlovich et al., "Evidence for an interaction between the CYP1(HAP1) activator and a cellular factor during heme-dependent transcriptional regulation in the yeast <i>Saccharomyces cerevisiae</i> ", <u>The EMBO Journal</u> , Vol. 12, No. 3, pp 1209-1218, 1993
		Hach et al., "A New Class of Repression Modules Is Critical for Heme Regulation of the Yeast Transcriptional Activator Hap1", <u>Molecular and Cellular Biology</u> , Vol. 19, No. 6, pp 4324-4333, 1999
		Lodi and Guiard, "Complex Transcriptional Regulation of the <i>Saccharomyces cerevisiae</i> CYB2 Gene Encoding Cytochrome b ₂ : CYP1(HAP1) Activator Binds to the CYB2 Upstream Activation Site UAS1-B2", <u>Molecular and Cellular Biology</u> , Vol. 11, No. 1, pp 3762-3772, 1991
		Prezant et al., "Organization of the Regulatory Region of the Yeast CYC7 Gene: Multiple Factors Are Involved in Regulation", <u>Molecular and Cellular Biology</u> , Vol. 7, No. 9, pp 3252-3259, 1987
		Schneider and Guarente, "Regulation of the Yeast CYT1 Gene Encoding Cytochrome c, by HAP1 and HAP2/3/4", <u>Molecular and Cellular Biology</u> , Vol. 11, No. 10, pp 4934-4942, 1991
		Tavazoie et al., "Systematic determination of genetic network architecture", <u>Nature Genetics</u> , Vol. 22, pp 281-285, 1999
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		Zadeh, "Fuzzy logic and its application to approximate reasoning", <u>Information Processing</u> , Vol. 74, pp 591-594, 1974
		Zhang et al., "Molecular Mechanism Governing Heme Signaling in Yeast: a Higher-Order Complex Mediates Heme Regulation of the Transcriptional Activator HAP1", <u>Molecular and Cellular Biology</u> , Vol. 18, No. 7, pp 3819-3828, 1998
		Zitomer et al., "Approaches to the Study of Rox1 Repression of the Hypoxic Genes in Yeast <i>Saccharomyces cerevisiae</i> ", <u>Methods in Enzymology</u> , Vol. 11, pp 279-288, 1997

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ANY COPIES OF DOCUMENTS LISTED ON THIS FORM PTO-1449 SHOULD HAVE CERTAIN INFORMATION PLACED ALONG THE LEFT SIDE OF THE DOCUMENT. INFORMATION SUCH AS DOCKET NUMBER, FILING DATE, SERIAL NUMBER, ART UNIT, ETC.